1. A method for instantiating project models as instances of a process model to which they conform comprising the steps of

supporting the work in process by rendering said
5 process models as elements of a computer-based system, and

supporting the work of the process by rendering said project models as elements of a computer-based system.

10   2. A method for modeling work processes comprising the steps of

instantiating a plurality of objects by abstract or concrete classes, and including at least a decision class and a data class,
15   relating each decision object to one or more data objects which it produces

requiring, for at least one decision object, at least one data object as a prerequisite to its activation or completion, and
20   optionally generating additional subclasses or instances of said decision and data classes.

      3. The method of claim 2 further comprising the step of relating an arc or link class linking a first decision with a second decision.

25   4. The method of claim 2 further comprising the steps of

generating a decision role class specialized into at least two subclasses, each with differing behaviors, and
30   defining for each decision role class the communication requirements among the incumbents of roles participating in a decision, the rights of each such role

class incumbents with respect to (a) entering data elements in a database, (b) modifying elements in a database and/or (c) reading elements from a database.

5.   A method for traversing networks including
5 nodes and directed arcs comprising the steps of
      utilizing messaging between said nodes and arcs and collections of said arcs, and
      determining the membership of said collections by at least one of their entry nodes and exit nodes.

10   6.   A method of modelling and managing work processes comprising the steps of
      using a network whose nodes are abstract decision situations, and
      providing arcs directed by decisions based on
15 logical precedence.

      7.   The method of claim 6 further comprising the step of
      requiring nodes to support participation of multiple persons in differentiated roles.